

**PCT**WORLD INTELLECTUAL  
PROPERTY ORGANIZATION

WO 9602212A1

INTERNATIONAL APPLICATION PUBLISHED U

(51) International Patent Classification 6 : <b>A61F 2/24</b>		(11) International Publication Number: <b>WO 96/02212</b>
<b>A1</b>		(43) International Publication Date: 1 February 1996 (01.02.96)
(21) International Application Number: <b>PCT/US95/09013</b>		(81) Designated States: CA, JP, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  <b>Published</b> <i>With international search report.</i>
(22) International Filing Date: 18 July 1995 (18.07.95)		
(30) Priority Data: 08/276,663 18 July 1994 (18.07.94) US		
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(54) Title: **TRANSLUMINALLY IMPLANTABLE INFLATABLE PROSTHETIC CARDIOVASCULAR VALVE**

## (57) Abstract

An inflatable prosthetic cardiovascular valve which is constructed so as to be initially deployable in a deflated "collapsed" configuration wherein the valve may be passed through the lumen of a cardiovascular catheter and subsequently inflated to an "operative" configuration so as to perform its intended valving function at its intended site of implantation within the cardiovascular system. The inflated valve may be held in place by mechanical means (e.g., hooks, projections), by chemical adhesive or through biological assimilation by the heart tissue.

